



COPY OF PAPERS
ORIGINALLY FILED

JOS2 Rec'd PCT/PTO 18 MAR 2002

Atty Dkt. No. : MEWE-010
USSN: 09/462,962

PCT

| CERTIFICATE OF MAILING | | | |
|--|-----------------|-----------------|---|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Office of Initial Patent Examination, Commissioner for Patents, Washington, D.C. 20231. | | | |
| Typed or Printed Name | Susan M. Alessi | | |
| Signature | | Date | 03-06-2002 |
| REQUEST FOR CORRECTED FILING RECEIPT Address to: Office of Initial Patent Examination Commissioner for Patents Washington, D.C. 20231 | | Attorney Docket | MEWE-010 |
| | | Applicant | JACKSON, STEPHEN PHILIP |
| | | Serial Number | 09/462,962 |
| | | Filing Date | June 25, 2001 |
| | | Group Art Unit | 1742 |
| | | Examiner Name | |
| | | Title: | "INTERACTIONS OF ATM, ATR OR DNA-PK WITH P53" |

Sir:

A filing receipt for the above-identified patent application has been issued by the U.S. Patent and Trademark Office (copy attached) and has been found to contain the following error(s):

- (1) Please correct the "Title" to read -- **INTERACTIONS OF ATM, ATR OR DNA-PK WITH P53** --as indicated on attached marked-up copy of the filing receipt and on the attached International Search Report dated June 21, 1999.
- (2) Please update the "Attorney Docket No." to read -- **MEWE-010** -- as indicated on the marked-up copy of the filing receipt.

If for any reason a fee is found to be necessary, the Commissioner is authorized to charge such fee to Deposit Account No. 50-0815, Order No. MEWE-010.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: March 3, 2002

By:
Pamela J. Sherwood
Registration No. 36,677

BOZICEVIC, FIELD & FRANCIS LLP
200 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: (650) 327-3400
Facsimile: (650) 327-3231
Form Letters I



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------------------|----------|------------|------------|
| 09/462,962 | 06/25/2001 | 1742 | 3102 | EL 449727005US MEWE-010 | 1 | 19 | 1 |

PAMELA SHERWOOD
BOZICEVIC FIELD & FRANCIS
200 Middlefield Road
Suite 200
Menlo Park, CA 94025



PLEASE
REPLACE

CONFIRMATION NO. 5713

REPLACEMENT FILING RECEIPT



OC000000007404320

Date Mailed: 01/31/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

STEPHEN PHILIP JACKSON, CAMBRIDGE, UNITED KINGDOM;
NICHOLAS DAVID LAKIN, CAMBRIDGE, UNITED KINGDOM;
GRAEME CAMERON MURRAY SMITH, CAMBRIDGE, UNITED KINGDOM;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/GB98/02115 07/16/1998

Foreign Applications

UNITED KINGDOM 9714971.0 07/16/1997

If Required, Foreign Filing License Granted 05/16/2000

Projected Publication Date: Not Applicable, filed prior to November 29,2000

Non-Publication Request: No

Early Publication Request: No

Title

PLEASE REPLACE: 'INTERACTIONS OF ATM, ATR OR
DNA-PK WITH p53'

~~METHOD FOR THE PRODUCTION OF GALVANIZING FLUXES AND FLUX FEEDSTOCKS~~

Preliminary Class

2/14/02
JIMMY FR 01 01/02
TJ 02/02

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

MEWBURN ELLIS
York House
Attn. WALTON, S.
23 Kingsway
London WC2B 6HP
UNITED KINGDOM

RECEIVED

24 JUN 1999

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

RECOGNIZED (PCT Rule 44.1)

RECORDS SEEN

CLAY ENT'D

RENEWAL ENT'D X

AL: DATE OF MAILING

(day/month/year)

21/06/1999

Applicant's or agent's file reference

SMW/BP5710520

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/GB 98/ 02115

International filing date

(day/month/year)

16/07/1998

Applicant

CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED et al.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Maurizio Amodeo

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 98/02115

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 5,6 (PARTLY) AND 21-23 (ENTIRELY)
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Claims Nos.: 5,6 (PARTLY) AND 21-23 (ENTIRELY)

The subject-matter of claims 5 and 6 in their broadest scope is not defined by technical features that allow the formulation of a meaningful search. These claims do not meet the requirements of Article 6 and Rule 6.3(a) PCT to the extent that a meaningful search is not possible in the entire scope claimed. The subject of the search for the agents of claims 5 and 6 has been limited to the subject-matter of claims 7-16.

As it lies not within the ISA's competence to test a compounds for their capabilities of modulating interactions the scope of the search was formulated by the structural features only.

The subject-matter of claims 21-23 is not defined by technical features that allow the formulation of a meaningful search. These claims do not meet the requirements of Article 6 and Rule 6.3(a) PCT to the extent that a meaningful search is not possible

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-18,28,29

Methods for identifying compounds able to modulate interaction between p53 and DNA binding kinases having the PI3 kinase domain, in particular by phosphorylation of the N-terminus of p53 (ser15) by said kinases, agents so identifiable and medical use of such agents.

2. Claims: 19-27

Methods for identifying compounds able to affect DNA binding by DNA binding kinases having the PI3 kinase domain, agents so identifiable, medical use of such agents and methods involving such binding for purifying ATM or ATR.

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|--|---|--|
| Applicant's or agent's file reference SMW/BP5710520 | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/GB 98/ 02115 | International filing date (day/month/year) 16/07/1998 | (Earliest) Priority Date (day/month/year) 16/07/1997 |
| Applicant CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED et al. | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 7 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☒ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ Certain claims were found unsearchable (See Box I).

3. ☒ Unity of invention is lacking (see Box II).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

INTERACTIONS OF ATM, ATR OR DNA-PK WITH P53

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

IN NATIONAL SEARCH REPORT

International Application No

PCT/GB 98/02115

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 G01N33/574 G01N33/68 C12Q1/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 G01N C12Q C07K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | M.S. MEYN: "Ataxia-telangiectasia and cellular responses to DNA damage" CANCER RESEARCH, vol. 55, 15 December 1995, pages 5991-6001, XP002095208 cited in the application see the whole document see page 5998, left-hand column, line 28-38 --- -/-- | 1 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "8" document member of the same patent family

Date of the actual completion of the international search

11 May 1999

Date of mailing of the international search report

21.06.1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Hoekstra, S

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | SAVITSKY K ET AL: "A SINGLE ATAXIA TELANGIECTASIA GENE WITH A PRODUCT SIMILAR TO PI-3 KINASE" SCIENCE, vol. 268, 23 June 1996, pages 1749-1753, XP002061971 cited in the application see the whole document see figure 3 | 5,6, 13-16,28 |
| X | SAVITSKY K ET AL: "THE COMPLETE SEQUENCE OF THE CODING REGION OF THE ATM GENE REVEALS SIMILARITY TO CELL CYCLE REGULATORS IN DIFFERENT SPECIES" HUMAN MOLECULAR GENETICS, vol. 4, no. 11, 1995, pages 2025-2032, XP002061974 cited in the application see the whole document see figure 4 | 5,6, 13-16,28 |
| Y | see figure 2 | 19,20, 24,25 |
| X | CIMPRICH K A ET AL: "CDNA CLONING AND GENE MAPPING OF A CONDIDATE HUMAN CELL CYCLE" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 93, April 1996, pages 2850-2855, XP002023632 cited in the application see the whole document see figure 2 | 29 |
| P,X | SHIEH, S-Y.: "DNA Damage-induced phosphorylation of p53 alleviates inhibition by MDM2" CELL, vol. 91, 31 October 1997, pages 325-334, XP002095209 see the whole document see page 331, right-hand column, line 27-35 | 1-18 |
| E | WO 98 56391 A (HARVARD COLLEGE ;LEDER PHILIP (US); WESTPHAL CHRISTOPH H (US)) 17 December 1998 see page 12 | 13-16 |
| A | WO 94 12202 A (UNIV DUNDEE ;LANE DAVID- PHILIP (GB); HUPP THEODORE ROBERT (GB)) 9 June 1994 see the whole document | 1-18 |
| | --- -/- | |

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | HARTLEY K O ET AL: "DNA-DEPENDENT PROTEIN KINASE CATALYTIC SUBUNIT: A RELATIVE OF PHOSPHATIDYLINOSITOL 3-KINASE AND THE ATAXIA TELANGIECTASIA GENE PRODUCT" CELL, vol. 82, 8 September 1995, pages 849-856, XP002065036 cited in the application see the whole document | 1-18 |
| A | ENOCH, T. AND NORBURY, C.: " Cellular responses to DNA damage: cell-cycle checkpoints, apoptosis and the roles of p53 and ATM." TIBS, vol. 20, October 1995, pages 426-430, XP002095210 see the whole document | 1-18 |
| Y | A. SUWA, ET AL.: "DNA dependent protein kinase (Ku protein-p350 complex) assembles on double stranded DNA" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 91, July 1994, pages 6904-6908, XP002102470 WASHINGTON US see abstract see page 6905, right-hand column, line 20 - page 6907, left-hand column, line 19 | 19,20, 24,25 |
| A | WO 97 18323 A (ICOS CORP ;HOEKSTRA MERL F (US); HOLTZMAN DOUG A (US); KEEGAN KATH) 22 May 1997 see abstract | 19,20, 24-27 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 98/02115

| Patent document cited in search report | | Publication date | Patent family member(s) | | Publication date |
|--|---|------------------|-------------------------|-----------|------------------|
| WO 9856391 | A | 17-12-1998 | AU | 8068198 A | 30-12-1998 |
| WO 9412202 | A | 09-06-1994 | AU | 680216 B | 24-07-1997 |
| | | | AU | 5533194 A | 22-06-1994 |
| | | | CA | 2150265 A | 09-06-1994 |
| | | | EP | 0675729 A | 11-10-1995 |
| | | | JP | 8505607 T | 18-06-1996 |
| WO 9718323 | A | 22-05-1997 | AU | 1461197 A | 05-06-1997 |
| | | | CA | 2210650 A | 22-05-1997 |
| | | | CN | 1199420 A | 18-11-1998 |
| | | | CZ | 9702547 A | 18-03-1998 |
| | | | EP | 0807169 A | 19-11-1997 |
| | | | FI | 973005 A | 15-09-1997 |
| | | | NO | 973279 A | 16-09-1997 |
| | | | PL | 322876 A | 02-03-1998 |
| | | | SK | 111597 A | 06-05-1998 |